

**VILLAGE OF LOMBARD**  
**REQUEST FOR BOARD OF TRUSTEES ACTION**

For Inclusion on Board Agenda  
Bids and Proposals

TO : President and Village Board of Trustees  
FROM : David A. Hulseberg, Village Manager  
DATE : November 28, 2012                      Agenda Date: December 6, 2012  
TITLE : Bobcat Toolcat 5600 Purchase  
SUBMITTED BY: Carl Goldsmith, Director of Public Works *g*

**RESULTS:**

Date Bids Were Published N/A    Bidding Closed N/A  
Total Number of Bids Received 1  
Total Number of Bidders Meeting Specifications 1  
Bid Security Required             Yes            X No  
Performance Bond Required     Yes            X No  
Were Any Bids Withdrawn       Yes            X No  
*If yes, explain:*  
Waiver of Bids Requested?       Yes             No  
*If yes, explain: Sole Source of Item*  
Award Recommended to Lowest    X Yes             No  
Responsible Bidder?  
*If no, explain:*

**FISCAL IMPACT:**

Engineer's Estimate/Budget Estimate \$65,000/\$0  
Amount of Award \$59,580

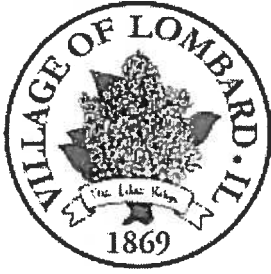
**BACKGROUND/RECOMMENDATION:**

Staff recommends the purchase of a Bobcat Toolcat 5600 from Atlas Bobcat of Schiller Park, Illinois. This purchase will ensure cost effective and efficient service delivery in accordance with Village Board policies and expectations.

Has Recommended Bidder Worked for Village Previously             Yes            X No  
If yes, was quality of work acceptable                             Yes             No  
Was item bid in accordance with Public Act 85-1295?             Yes             No  
Waiver of bids - Public Act 85-1295 does not apply             Yes

**REVIEW (as needed):**

Village Attorney XX \_\_\_\_\_ Date \_\_\_\_\_  
Finance Director XX \_\_\_\_\_ Date \_\_\_\_\_  
Village Manager XX \_\_\_\_\_ Date \_\_\_\_\_



November 26, 2012

**TO:** Acting Village President and Board of Trustees  
**THROUGH:** David A. Hulseberg, Village Manager  
**FROM:** Carl Goldsmith, Director of Public Works *CG*  
**SUBJECT:** Purchase of a Bobcat Toolcat 5600

The Village of Lombard utilizes contractual labor for the snow and ice removal at various public facilities/locations throughout the community. There are currently twenty (20) locations in Lombard that equate to 2.64 lineal miles that are cleared by the contractor. A copy of the list has been attached for your consideration.

In the 2009-2010 season the Village spent \$92,468.40 for labor to remove snow from the walks. There were twenty-two (22) snow events that resulted in 40 inches of snow. In 2010-2011 season the Village spent \$77,760.00 in labor to remove forty-one (41) inches of snow over the course of 24 snow events. During the 2011-2012 season the Village spent \$31,584.00 in fourteen (14) events to remove 15 inches of snow. The three year average spent on snow removal is \$2,102.00 per inch of snow. This equates to about \$0.15 per linear foot.

Over the last three years the Village has averaged about 13 events where the snow total was less than 1 inch. Staff believes that the Village could eliminate or at least reduce the amount of call outs for less than 1 inch of snow by spraying the areas with an anti-icing chemical. Based on the average of 13 events per season, if the Village were able to eliminate these thirteen call-outs, the Village could realize a cost savings from the contract of \$27,209.00.

Of the areas listed on the sidewalk location, it is anticipated that the Village could successfully remove snow from locations 12 (Echo Pond), 13 (Glenbard East School Route) and 14 (Village Hall Complex). Over the past 3 years, the average snow fall was 32 inches. The average cost of removing snow from the areas listed is \$691.50 per inch of snow. If the village could remove the snow from these 3 locations we could reduce the contract amount by \$22,128.00

In reviewing the FY2012B budget, specifically the Motor Fuel Tax (7370) of the Capital Budget staff has developed a plan to ensure that Public Works continues to deliver services in the most efficient manner. Given changes to the snow and ice control program, the Village has seen reduced salt usage as a result of the introduction of pre-wetting/pretreatment options. Additional changes in application rates from roughly 1,000 pounds per lane mile to 300 pounds per lane mile have reduced the amount of salt necessary. The Village used 3,492.5 tons of salt in 2009, 3,804.5 tons of salt in 2010, 2,263.5 tons of salt in 2011, 1,331.99 tons of salt in 2012.

As a result of the decreased utilization, the Village has been able to reduce the annual allocation of salt purchased from the State. Given the mild winter of 2011-2012, the Village has approximately 2,800 tons of salt in reserve at the Eisenhower Lane site. The Village is obligated to purchase a minimum of 800

tons of salt through the CMS contract. At 52.74 per ton, we anticipate expending \$42,192. The staff anticipated the surplus in the FY2013 budget and would recommend that the Village use the funding included in the FY2012B Motor Fuel Fund for the purchase of a Bobcat Toolcat to be used for the clearing of snow from the Village Hall complex and other areas within the community.

Staff has reviewed the various options available to accomplish the defined objectives and has determined that the Bobcat Toolcat 5600 is the most suitable piece of equipment. The vehicle can utilize existing Bobcat Implements that the Village possesses, which increases its functionality over other units reviewed by staff. Additionally, this vehicle can be driven on the roadway and can haul up to 2,000 pounds; making it useful beyond current Village equipment. Staff will be installing a liquid spray system for brine purposes upon receipt of the vehicle. A proposal was received for a factory spray kit, but staff has declined that option as this can be fabricated by the fleet services personnel at a much lower cost.

Some of the enhanced functions provided through the purchase of the Bobcat Toolcat are path clean-up, brush pick-up and event maintenance such as parades and fence post installs. Through this purchase, the Village will be able to ensure that windrow operations will continue to be provided in an efficient and cost effective manner.

Staff has received a proposal from the regional Bobcat representative Atlas Bobcat of Schiller Park, Illinois. At a cost of \$59,580, the return on investment (ROI) is expected to be approximately 3 years. The Village will place the Bobcat Toolcat 5600 on a ten (10) year depreciation schedule in accordance with the Fleet Replacement Fund.

Thank you for your time and continued support of the Public Works Department. Should you have any additional questions, please feel free to contact me.



# Bobcat®

## Product Quotation

Quotation Number: 9854D010150

Date: 2012-11-27 15:27:51

Ship to	Bobcat Dealer	Bill To
Village of Lombard Attn: Keith Surges, John Mannino 255 E. Wilson Ave. Lombard, IL 60148 Phone: (630) 620-5740 Fax: 630.873.4603	Atlas Bobcat, Wauconda, IL 552 SOUTH RAND ROAD WAUCONDA IL 60084-2340 Phone: (847) 526-4255 Fax: (847) 526-4322 ----- Contact: Todd Swartz Phone: 847-678-3633 Fax: 847-678-3587 Cellular: 847-529-1191 E Mail: tswartz@atlasbobcat.com	Village of Lombard Attn: Keith Surges, John Mannino 255 E. Wilson Ave. Lombard, IL 60148 Phone: (630) 620-5740 Fax: 630.873.4603

Description	Part No	Qty	Price Ea.	Total
<b>Toolcat 5600 F-Series</b>	M1001	1	\$39,333.00	\$39,333.00
Adjustable Vinyl Seats	Hydraulic Dump Box			
All-Wheel Steer	Instrumentation:			
Automatically Activated Glow Plugs	Hourmeter, Job Hours, Speedometer,			
Auxiliary Hydraulics	Tachometer, Fuel Guage, Engine			
Variable Flow with dual direction detent	Temperature Gauge, and Warning Lights			
Beverage Holders	Joystick, Manually Controlled with Lift Arm Float			
Bob-Tach	Lift Arm Support			
Boom Float	Parking Brake, automatic			
Cargo Box Support	Power Steering with Tilt Steering Wheel			
Cruise Control	Radiator Screen			
Deluxe Operator Canopy includes:	Rear Reciever Hitch			
Front Window, Rear Window ,	Seat Belts, Shoulder Harness			
Front Wipers, and Electrical Power Port	Spark Arrestor Muffler			
Lower Engine Guard	Suspension, 4-wheel independent			
Limited Slip Transaxle	Tires: 27 x 10.5-15 (8 ply), Lug Tread			
Engine and Hydraulic Monitor with Shutdown	Toolcat Interlock Control System (TICS)			
Front Work Lights	Two-Speed Transmission			
Full-time Four-Wheel Drive	Warranty: 1 Year, Unlimited Hours			
Horsepower Management				
Roll Over Protective Structure (ROPS) . Meets Requirements of SAE-J1040 & ISO 3471				
Falling Object Protective Structure (FOPS) . Meets Requirements of SAE-J1043 & ISO3449, Level 1				
<b>Deluxe Road Package</b>	M1001-P01-C01	1	\$1,946.00	\$1,946.00
Backup Alarm	Side Mirrors			
Turn Signals	Horn			
Flashers	Lower Engine Guard			
Tail Lights	Rear Work Lights			
Brake Lights	Headlights			
Rear View Mirror				
Cab Enclosure with Heater/Air Conditioning	M1001-R02-C03	1	\$4,076.00	\$4,076.00
High Flow Aux Hydraulics	M1001-R03-C02	1	\$1,273.00	\$1,273.00
7-pin Attachment Control Kit	M1001-R08-C02	1	\$167.00	\$167.00
Power Bobtach	M1001-R12-C02	1	\$879.00	\$879.00
Bobcat 5600 "Rhino Liner"		1	\$300.00	\$300.00
Rear Window Guard	7150926	1	\$638.00	\$638.00
Strobe Light	6815259	1	\$156.00	\$156.00
68" Angle Broom	6905805	1	\$4,873.00	\$4,873.00
72" Snow V-Blade	6958576	1	\$3,590.00	\$3,590.00

Total of Items Quoted	<b>\$57,231.00</b>
Dealer P.D.I.	<b>\$350.00</b>
Freight Charges	<b>\$1,850.00</b>
Dealer Assembly Charges	<b>\$149.00</b>
Quote Total - US dollars	<b>\$59,580.00</b>

**Notes:**

All prices subject to change without prior notice or obligation. This price quote supersedes all preceding price quotes.  
 Customer must exercise his purchase option within 30 days from quote date.

**Customer Acceptance:** Purchase Order: \_\_\_\_\_

**Authorized Signature:**

**Print:** \_\_\_\_\_ **Sign:** \_\_\_\_\_ **Date:** \_\_\_\_\_

PRIORITIZED SIDEWALK SNOW AND ICE REMOVAL  
LOCATIONS

**FY2011 Season Mileage: 2.64 Lineal miles (13,955 L.F.)**  
20 locations

Under normal circumstances, the Public Works Department, Streets\Electrical\Forestry Supervisor or Operations Superintendent, will be responsible to oversee that all the following sidewalks are cleared off by the contractor:

**Locations # 1 through #11 need to be cleared of snow and ice before the 5:00 AM and 4:00 PM rush hours.**

1. **Commuter Station (McGuire Dr.)** -- McGuire Dr. Commuter Parking Lot on the North Side of the Tracks from Main Street to Elizabeth, Both sides of McGuire Dr. from Main Street to Park Ave. **(Brick Pavers) (Not the platform by the tracks, stairways or ramps leading up to the platform).** Sidewalk running from alley to St. Charles Road in front of 7-11 east of parking lot. Sidewalk from 7-11 north drive to south drive. This includes Plaza Gazebo and area to the north of 7-11 along brick wall. (2400 LF)
2. **Commuter Station (Parkside)** -- North Side of Parkside from Elizabeth St. To 200' East of Main Street. (1200 LF)
3. **Viaduct** -- Main Street Viaduct Both East and West Side of Main Street. (240 LF)
4. **101 S. Main Street- S/E Corner Parkside Avenue and Main Street Commuter Parking** -- Sidewalks on the West and North side of the Property. (600 LF)
5. **100 S. Main Street - S/W corner Parkside and Main Street Commuter Parking Lot (Brick Pavers)** - (250 LF)
6. **Maple St. Commuter & Library Parking Lot** -- Park Avenue from Maple Street to Parkside East Side Only. **(Brick Pavers)** - (650 LF)
7. **Maple St. Commuter Parking Lot** - South side of Maple - (100 LF)
8. **Historical Museum** -- 23 W. Maple. **(Brick Pavers).** (100 LF)

9. **North Park Municipal Parking Lot** – Sidewalk on the East Side of Park Avenue. (280 LF)
10. **Fire Station #1, Central Pumping Station, Commuter & Shopper Parking Lot** -- St. Charles Road from Charlotte west to west end of Parking Lots. **(Brick Pavers)**. (400 LF)
11. **South Side of St. Charles Road** – Sidewalk from 90 feet east of Main Street to the Hammerschmidt Parking Lot at Garfield Street-- **(Brick Pavers)**. (900 LF)

**Locations # 12 through # 14 to be cleared of snow and ice by 6:30AM and 2:00PM**

12. **Echo Pond School Route** -- Main Street and Wilson Avenue around Echo Pond. (760 LF)
13. **Glenbard East H.S. School Route** -- Main Drive from Central to Pond. (800 LF)
14. **Village Hall Complex** - East side of Hammerschmidt from Wilson south to Central, South side of Wilson from Hammerschmidt east to Stewart, West side of Stewart from Wilson south to Central and North side of Central from Stewart west to Hammerschmidt. (3050 LF)

**Locations #15 through #19 need to be cleared of snow and ice within 8 hours of the completion of the Snow Storm.**

15. **Prairie Path Crossings** -- Both sides of street at Main Street, Grace Street and at Westmore/Meyers Including the paved areas by Drinking Fountains, Benches, Trash Cans and Planters. (600 LF)
16. **Historic Peck House** -- Grace Street and Parkside (300 LF)
17. **Great Western Trail Crossings** -- at Westmore/Meyers, Grace Street and Main Street Including the Paved Areas by Drinking Fountains, Benches, Trash Cans and Planters at Main Street and Westmore/Meyers. (600 LF)
18. **St. Charles Road & Grace Street Railroad Crossing** -- West side of Grace Street from Parkside to St. Charles Road and East side of Grace Street from North East corner of St. Charles Road to Master Mechanics Building on the north side of the tracks (500 LF)

19. **Northwest corner of St. Charles Road & Grace Street** – On Grace Street from St. Charles Road north Approximately 150 feet to the South side of the Illinois Prairie Path Crossing and West on St. Charles Road approximately 75 feet to vacant lot (225 LF)
  
20. **Elizabeth Street ROW on North Side of Roosevelt Road**- On West Roosevelt Road between 244 and 234 West Roosevelt Road. (75LF)

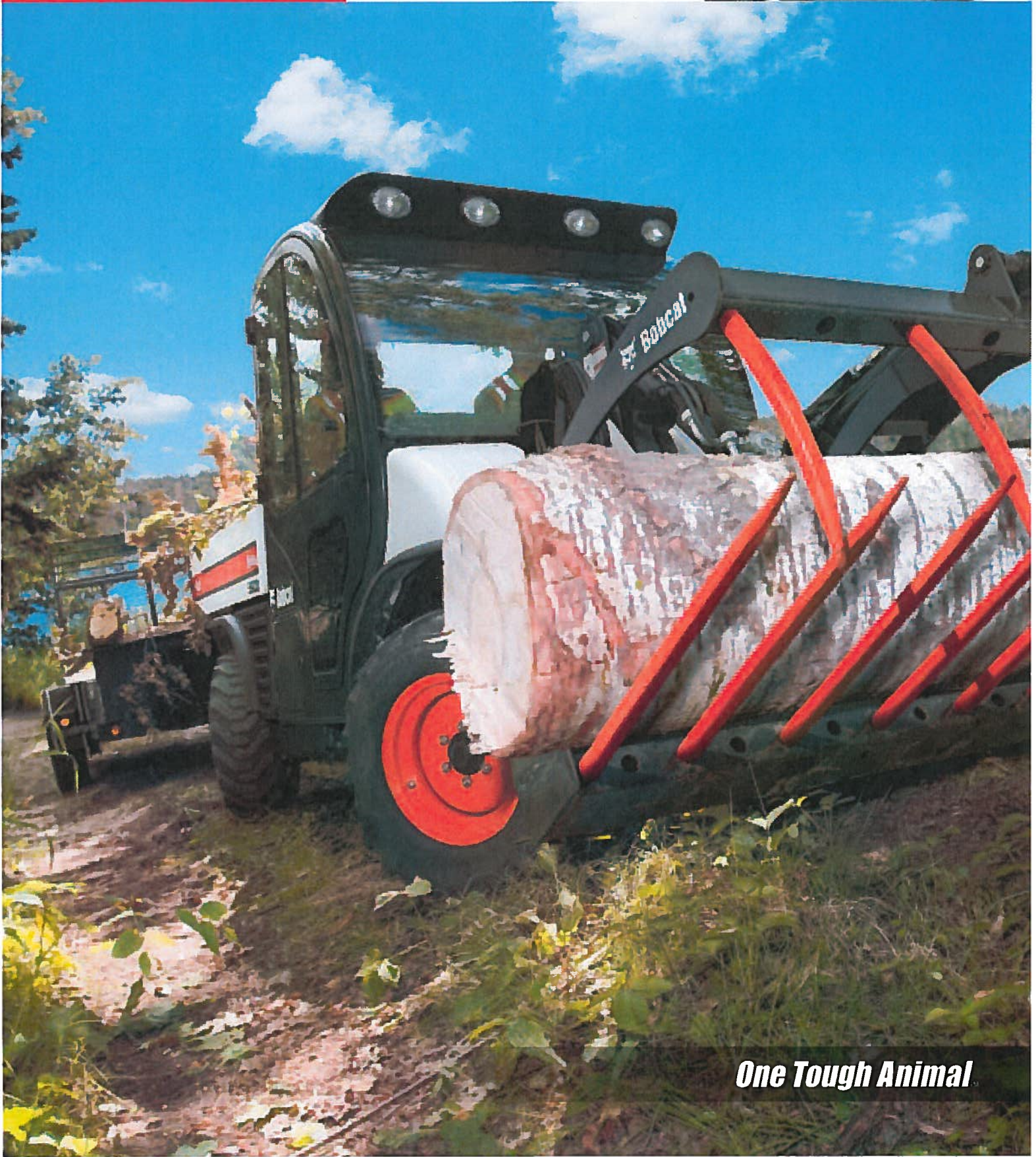
It will be the responsibility of the supervisor on call to contact the sidewalk contractor in order to have the sidewalks cleared for morning and evening rush hours 7-days a week during all off hours (nights, week ends and holidays). The Operations Superintendent will contact the contractor during work hours for evening rush hour.





**Bobcat**

**Toolcat™ Utility Work Machines**



***One Tough Animal***



**PICKUP TRUCK**

Get there in a pickup... or get there AND get the job done with the Toolcat™ utility work machine. A pickup can transport passengers, haul cargo and tow a trailer. The Toolcat 5600 does that and more. With towing and cargo box capacities comparable to most ½ ton pickups, a hydraulic dump cargo box for easy unloading and a lift arm that utilizes more than 40 easy-to-change attachments, your machine does the work – not you.

**COMPACT TRACTOR**

A compact tractor and a Toolcat utility work machine can both get the job done, but only one can bring everything you need for the job. Toolcat utility work machines can bring a coworker, tools and supplies to the jobsite and operate more than 40 front-mounted attachments. The 5610 can also be equipped with optional 3-point hitch, PTO and/or rear-remote hydraulics to operate all of your category 1 implements. Plus, both the 5610 and 5600 have a top speed of 18 mph and four-wheel independent suspension that provides a comfortable ride while increasing traction.

**SKID-STEER LOADER**

A skid-steer loader, with its numerous attachments and compact size, can do hundreds of jobs. Versatile as it is, it still can't haul material, tow a trailer or carry a passenger. With dozens of interchangeable attachments and great maneuverability, the Toolcat utility work machines have two of the best features of a skid-steer, plus room for a passenger, towing capabilities, and a top travel speed of 18 mph to get you to and from your job faster.



# Why Toolcat?



## UTILITY VEHICLE

A utility vehicle is a maneuverable way to get a coworker, materials and supplies around the jobsite. They typically have around a 1,000 lb. payload capacity and a 1,300 lb. towing capacity – great for a vehicle. But when a machine is what you need, the Toolcat utility work machine's 4,000 lb. towing capacity, a lift arm for loading material and running dozens of attachments and a 2,000 lb. cargo box capacity on the 5600 will take your production to the next level and then some.

When you've got plenty to do, versatility is essential. Why slow down to start up another machine? Why take up valuable space with equipment that only gets used occasionally? Why deal with the extra maintenance and costs of multiple machines if you only need one?

The Toolcat utility work machine does many of the jobs you'd do with a pickup truck, compact tractor, utility vehicle or an attachment carrier, plus a whole lot more. Add the precise maneuverability of its all-wheel steer, and you have the most versatile worker in your fleet or on your estate.

# Any Day. Any Job.

Why waste time and money on several machines, each dedicated to only one task, when you don't have to? Maximize your production and return on investment by connecting your Toolcat™ utility work machine to one of more than 40 front-mounted attachments. Changes take less than a minute – so it's simple to mow in the morning, remove downed trees in the afternoon and dig post holes in the evening. It's an investment you can leverage a different way every day, all year round.

Want to make sure you get the most out of your machine? Purchase the attachments you regularly use, like a mower, so they're there when you need them. For one-time projects, rent the attachments you need, like a stump grinder, from your local Bobcat dealer.

Attachment performance is determined by more than a quick connection. The Toolcat utility work machines have additional features not found in other types of equipment that help increase

attachment productivity—to get the job done faster and easier, save valuable time and allow you to get more done in a day. Features such as:

- Lift arm float
- Horsepower management
- Hydrostatic drive
- Variable flow hydraulics
- Fingertip auxiliary control
- Work mode
- Dual direction detent
- Cruise control
- High-flow hydraulics
- Attachment control kit

*Want to learn more about these features?  
Visit [www.bobcat.com/toolcatattachments](http://www.bobcat.com/toolcatattachments)*





**Joystick and Attachment Control Kit**  
 The ultimate balance of control and simplicity: Command the attachment and make on-the-fly adjustments with a simple-to-operate joystick and effortless fingertip auxiliary control.



Secondary attachment functions, like angle adjustments on the broom, blade or soil conditioner, are at your fingertips with the optional attachment control kit.



**Pressure Relief Quick Couplers** Clean, quick attachment changes time after time: This unique design releases trapped line pressure and provides easier hydraulic attachment hookup.

**Optional High-Flow Hydraulics**  
 Need more attachment power? High flow provides additional hydraulic power for maximum performance during tough jobs. Use it with attachments like the Bobcat snowblower to throw snow farther and higher and the stump grinder to grind stumps faster.

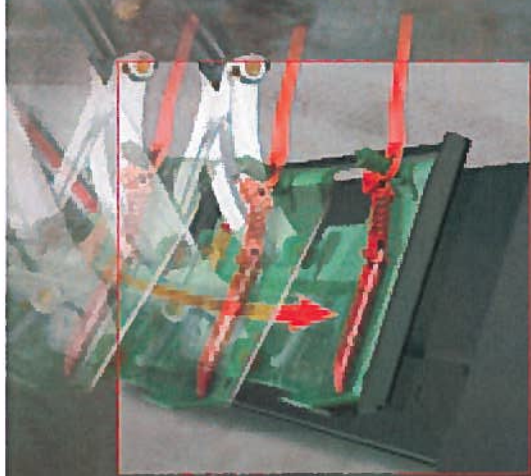


**Prove yourself on the job with these Bobcat attachments:**

- Angle Broom
- Auger
- Bale Fork
- Box Blade
- Box Scraper
- Bucket
- Brushcat™ Rotary Cutter
- Chipper
- Combination Bucket
- Dozer Blade
- Dumping Hopper
- Flail Cutter
- General Purpose Grapple
- Grader
- Landplane
- Landscape Rake
- Mower
- Pallet Fork, Std.
- Pallet Fork, Hyd.
- Sand/Salt Spreader
- Scraper
- Seeder
- Snow Blade
- Snow Pusher
- Snow V-Blade
- Snowblower
- Sod Layer
- Soil Conditioner
- Soil Cultivator
- Sprayer
- Stump Grinder
- Sweeper
- 3-Point Hitch Adapter
- Tiller
- Tilt-Tatch
- Trencher
- Utility Fork
- Utility Grapple
- Water Kit
- Whisker Push Broom

One person can change attachments in less than a minute. With the standard Bob-Tach™ Attachment Mounting system hookup is quick and easy.

With the optional Power Bob-Tach™ system, you can change non-hydraulic attachments without leaving the comfort of your cab. Just line up the attachment and flip the switch.





# Heads or Tails

Revolutionize your attachment capabilities with the Toolcat™ 5610 utility work machine. With the ability to use front-mounted attachments and rear-mounted implements, buildings and grounds crews, landscapers, agriculture producers, property owners and others can reduce the time spent stopping to change attachments and get more done in less time.

\* 1,500-pound ROC if machine is equipped with 3-point.

Like the 5600, the Toolcat 5610 is also a compact loader and attachment carrier, with a front lift arm that has a rated operating capacity (ROC) of 1,500 pounds.\* To increase productivity you can add the available 3-point hitch and PTO, and buy, rent or use existing Category 1, 3-point implements up to 1,775 pounds to do hundreds of different tasks. Add optional rear remote hydraulics to adjust and control individual implement functions.



Check out more features of the Toolcat 5610 and at [www.bobcat.com/5610tc](http://www.bobcat.com/5610tc)



## The Plot Thickens

With the right combination of attachments and implements, you can complete a single job – like preparing a food plot – in just a single afternoon. Mount a grapple up front and add a rotary cutter or tine rake to the rear – and clear your plot site from the front and behind. When you're ready to break ground, amend soil with fertilizer or manure and prepare for planting, switch to a front-mounted tiller or a 3-point hitch tiller. Attach a seeder to finish the job. The only reason to leave the controls of your Toolcat 5610 is to switch your attachments.



# Ultimate Versatility

What kind of work do you need to do? Only the Toolcat™ 5610, provides the ability to add or subtract key options – so you get the right machine for the type of work you do. Many standard features offer you additional flexibility for the work you do. Two cargo bins accommodate tools and supplies for the job – up to 50 pounds each. A standard 2-inch receiver hitch allows for a wide variety of towing and transport possibilities. And the raised cooling package increases your cooling efficiency. Plus, the 5610 has all of the front-mounted attachment capabilities and the same comfortable

cab as the Toolcat 5600. If you want to increase your capabilities, the 5610 offers three optional rear-mounted kits that will help you utilize 3-point hitch implements and increase versatility. With the right combinations of complementary attachments and implements, you can switch instantly from one job to the next – or complete two tasks in one pass.

## Available Bobcat implements include:

- 3 pt. Angle Blade
- 3 pt. Auger
- 3 pt. Box Blade
- 3 pt. Finish Mower
- 3 pt. Rotary Cutter
- 3 pt. Tine Rake
- 3 pt. Snowblower
- 3 pt. Soil Cultivator
- 3 pt. Seeder
- 3 pt. Tiller

## How cool is this?

The new, raised cooling package in the 5610 protects the life of your machine components and allows you to run longer and more efficiently. For mowing, the Toolcat 5610's raised cooling really shines. With cooling components located up and away from the mower discharge, you can work longer without stopping to clean the radiator.







**Use attachments AND implements.** Add the optional 3-point hitch to your Toolcat 5610 to hook up any of your Category 1 implements and maintain the ability to carry front-mounted attachments on the Toolcat lift arm.



powered implements: mowers, snowblowers, augers, tillers and more.

**Use powered implements with optional PTO.** The 5610's optional PTO is simply activated with a switch in the cab, and it powers your rear-mounted, PTO-



hydraulics with easy-to-reach, easy-to-use, cab-mounted switches. Raise and lower the 3-point hitch with a simple in-cab lever – also right in the cab for easy operation.

**Simple, in-cab activation and controls.** You control the PTO and rear remote



**The 3-point hitch depth indicator** helps you easily position the implement for the best possible performance. If uneven terrain threatens to slow down your work, the mechanical

float feature maintains constant contact with the ground for reliable implement performance when traveling across bumps and dips.



**Gain more control with rear remote hydraulics.** Gain accuracy and speed when mowing, moving snow, dumping materials and more. Whether you need to adjust a snow-

blower chute or lift and lower a mower deck, you control up to two hydraulic implement functions with optional rear remote hydraulics.



**Ensure productive implement performance.** Continuously monitor the rpm of the PTO from the cab, and operate your implement for maximum

production and efficiency, with the easy-to-see, easy-to-read cab-mounted gauge.

Want to learn more about the Toolcat 5610 and its vast range of capabilities? Visit [www.bobcat.com/5610tc](http://www.bobcat.com/5610tc)

# Four-Wheel Independent

The Toolcat™ utility work machines are the first loaders to offer four-wheel independent suspension. Each wheel travels up and down independently, isolating the frame from changes in the terrain. This keeps the wheels in contact with the ground over bumps and through dips to increase traction. Compare a Toolcat machine to a tractor, other types of loaders and even utility



**A-Frame** control arms allow each wheel to travel up and down independently of each other and the frame – isolating the machine from changes in the terrain to improve ride and attachment performance.



**Suspension Coil**  
A coil spring at each wheel compresses and expands to help absorb and control up-and-down movement and maximize wheel to ground contact and traction.



**Shock** Front and rear shocks absorb vibrations and help provide a smooth, comfortable ride.

# Suspension

vehicles. One of the first things you'll notice is the increase in comfort. It is hard to believe that a tough Toolcat work machine can deliver such a smooth ride. But four-wheel independent suspension doesn't just offer a great ride. With the Toolcat suspension, you can travel at higher speeds in greater comfort – and get the job done faster!

## Operator Comfort

- Independent suspension absorbs changes in terrain providing a more comfortable ride
- Increased wheel-to-ground contact reduces bounce and vibration
- Long wheelbase lessens the impact of bumps and dips and evenly distributes the weight of the machine

## Better Attachment Performance

- Frame is isolated from the wheels, lessening movement of the attachment in bumpy terrain
- Applications that demand steady contact with the ground, such as mowing and snow removal, are more productive
- Reduces spillage and vibration when carrying materials

## Superior Lifting and Carrying

When maximum lift or payload capacity is reached – suspension stops provide the support needed in the front and rear of the machine to deliver the lift-and-carry performance expected.



When traveling to and from your jobsite or around your ranch, the four-wheel independent suspension provides a comfortable ride – even at the top speed of 18 mph.

*Want to learn more about the Toolcat suspension? Visit [www.bobcat.com/toolcatindependentsuspension](http://www.bobcat.com/toolcatindependentsuspension)*



**Suspension Stop**  
Rubber stops provide support at maximum lift or payload capacity.

**Maximum Traction. Minimal**



Snow, ice, loose gravel or dirt... bring 'em on. They can't slow you down in the Toolcat™ utility work machine. Bobcat's one-of-a-kind drive train includes four-wheel drive, horsepower management and hydrostatic traction control – so you never have to back down when the road gets rough.

# Disturbance.

## Maximize traction with Hydrostatic Traction Control (HTC).

The first of the many Bobcat innovations in the D-Series Toolcat utility work machines is our exclusive four-wheel drive system. Utilizing limited slip differentials in both the front and the rear, the Toolcat HTC system automatically manages the torque split between the high-traction and low-traction tires. If one wheel loses tractive effort, HTC ensures the wheel with the most traction receives the most torque – without the need to engage any locks, buttons or levers.

**Dramatically reduce ground disturbance.** Not only does Hydrostatic Traction Control optimize tractive effort, it also provides the confidence to maneuver on turf. Traditional off-road, full-time four-wheel drive systems utilize locking differentials which cause “binding” when turning. This negative feedback increases turf damage. HTC eliminates this four-wheel drive characteristic from the Toolcat drive train, minimizing turf tear out when working on grass. Together with four wheel drive and all-wheel steering, the Toolcat drive train provides the perfect balance of excellent traction, smooth turning, minimized tire wear and outstanding turf-protection.

## Power through your toughest jobs with Horsepower Management.

During an uphill climb, or when you dig into a pile, Bobcat® Horsepower Management automatically increases and decreases pressure in the hydrostatic transmission to sustain engine rpm and maintain optimum attachment performance.

That's not all. There are plenty of other features that bring you increased traction, control and ease of operation:

- Hydrostatic drive
- Hydrostatic braking system
- Cruise control
- Shift-on-the-fly two speed

Want to learn more about these features? Visit [www.bobcat.com/toolcatdrivetrain](http://www.bobcat.com/toolcatdrivetrain)



Hydrostatic Traction Control works in conjunction with 4WD and all-wheel steer, minimizing turf damage or loss of traction in soft ground conditions.



**Yellow** – Reduced tractive effort  
**Green** – Tractive effort  
**Blue** – Full tractive effort

Toolcat HTC ensures the wheel with the most traction receives the most torque – without the need to engage any locks, buttons or levers.

# Precise Maneuverability

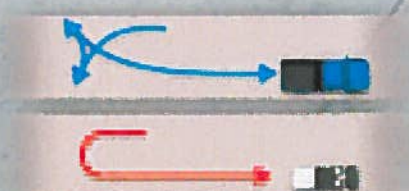
The tighter the area a machine can work in, the less hand labor you have to do. Precise, responsive all-wheel steering makes the Toolcat™ utility work machines extremely maneuverable and easy on turf. And with its hydraulic power steering, you have nearly effort-less control.

Front-wheel steer vehicles and equipment are limited in confined areas such as backyards, between buildings or around trees because of their large turning radius. They have to back up, often several times, to change direction or make the turn. Plus, the rear wheels skid through a tight turn and damage lawns or leave marks on driveways. This is even true of zero-turn mowers. With a Toolcat work machine, you can mow around trees, push snow around tight corners, maneuver through horse corrals and barn stalls, and turn in tight spaces without having to back up.

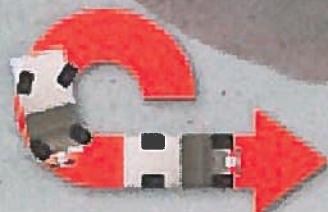
**Reduce ground disturbance with all-wheel steer.** With some machines, you have to sacrifice ground disturbance to get tight-turning maneuverability. Each wheel of the Toolcat utility work machine moves separately through the turning arc and rolls smoothly through the turn. That means you won't have to spend time re-installing sod or planting grass after the job is done. Different tire options also offer increased ground protection with the right balance of traction. Using all-wheel steer is not recommended when operating 3-point implements on the 5610.

**Switch to front-wheel steer whenever you need it.** With the Toolcat utility work machine, you get the best of both worlds. Just switch from all-wheel steer to front-wheel steer from the operator's seat for loading onto a trailer or traveling longer distances in either model – or when engaging implements in the 5610.

*Want to learn more about Toolcat maneuverability? Visit [www.bobcat.com/toolcataws](http://www.bobcat.com/toolcataws)*



Turn around in smaller spaces without backing up to save time and reduce damage to grass and marks on pavement.



Each wheel of the Toolcat™ utility work machine moves separately through the turning arc and rolls smoothly through the turn.



Even when it fits, it's often not worth the trouble to take a machine with limited maneuverability into confined working conditions. With a turning diameter of 17.5 feet, the Toolcat™ utility work machine can do more in tight spaces.

# Comfort Cab

Even people without equipment experience are surprised to see how easy our equipment is to operate. With automotive-style controls and an optional heated, air-conditioned cab, heated, air-conditioned cab, the Toolcat™ utility work machines have the fit, finish and comfort of an automobile.

Bobcat looks at comfort and ease-of-use from your point of view and builds machines accordingly. The panoramic cab offers a clear view of your attachments and surroundings. Everything you need to operate is cleanly laid out, within easy reach, and most importantly, simple to operate. The Toolcat utility work machine's simple, responsive joystick provides hassle-free attachment control. A simple switch or lever activates most features.

*Want to learn more about the Toolcat comfort cab and see a 360-degree view of the cab? Visit [www.bobcat.com/toolcatcomfortcab](http://www.bobcat.com/toolcatcomfortcab)*



## Hydraulic Dump Cargo Box

With the 5600's standard hydraulic dump cargo box, you can quickly unload brush and debris without even leaving the cab.



## Easy Entry/Exit

The wide, low door opening allows you to easily step in and out of the machine.

## Improved Joystick Controls

The latest Toolcat work machine innovations fit right in your hand. Now you can control attachment operation without letting go of the joystick – the same goes for the windshield wiper. Important machine functions have been moved from the console to your fingertips.

**Attachment Controls** Convenient, intuitive and ergonomic, new attachment controls located right on the joystick allows you to operate attachments without the need to look away from the work. No searching for buttons or switches. Just use your thumb.

**Wiper Button** When you're doing tough, dirty jobs, the windshield wiper is a lifesaver. Now you can clear away dust, water and mud without stopping or looking away from the action.

## Enclosed Cab With Heat/Air Conditioning

Optional fully enclosed cab with heat and air conditioning keeps you comfortable during high heat or bitter cold. The cab air filter provides cleaner air for comfort.



## In-Cab 3-Point Hitch Control

The 3-point PTO and rear remote hydraulics are controlled with levers mounted on the consol. A smooth, easy-to-reach lever in the cab raises and lowers the 3-point hitch on the 5610 and operates the hydraulic dump box on the 5600.



## Cruise Control

Cruise control reduces fatigue during long operation and improves efficiency when spraying weeds or spreading salt/sand. In cruise control, you can speed up or slow down with the push of a button.

## Shuttle Shift

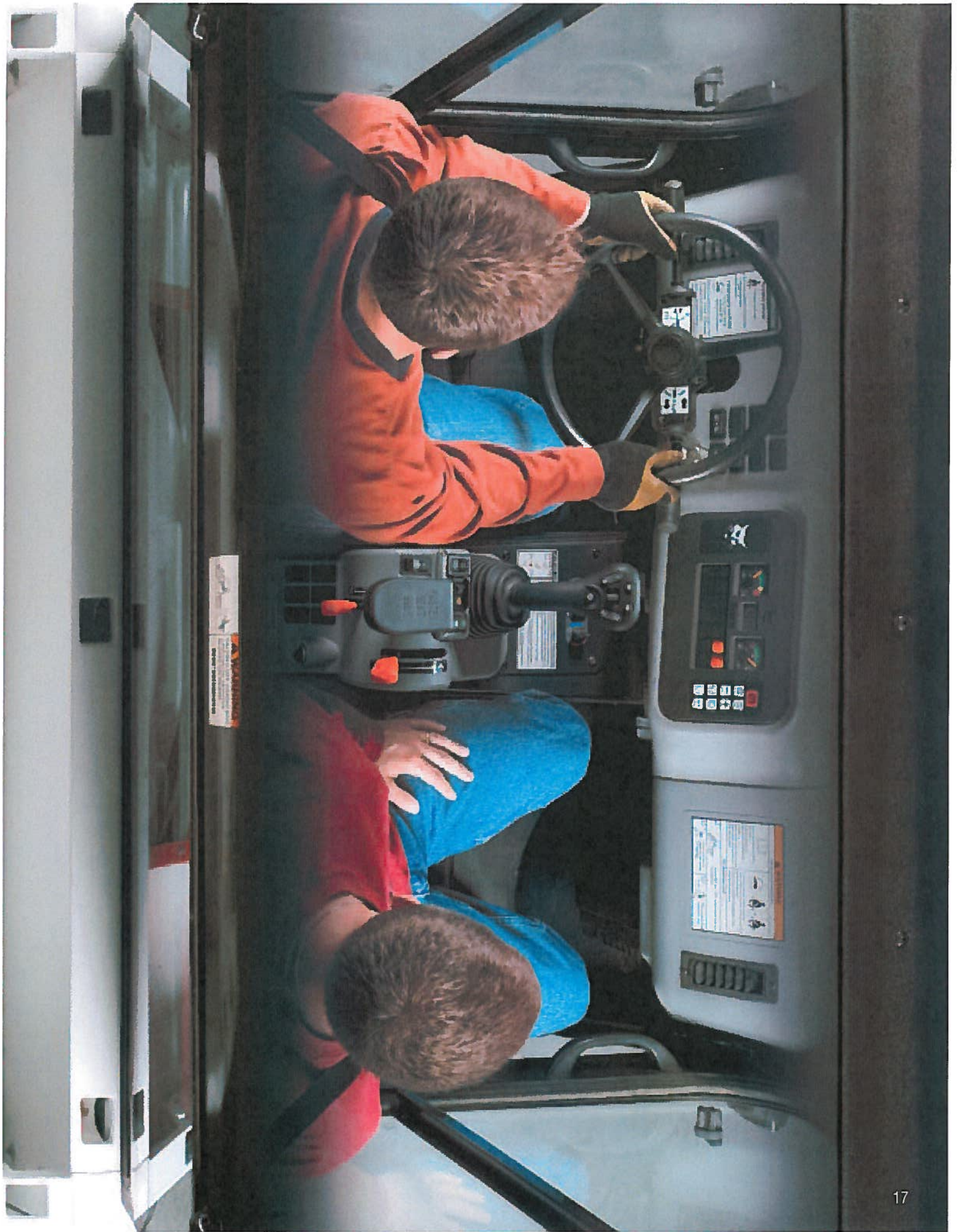
Shuttle shift makes changing travel directions a simple task: just forward and reverse; that's it!



## Radio/CD Player

Take your favorite music and radio programming with you on the job.







**Under the cargo box:**

- A** Air cleaner
- B** Radiator
- C** Quick release radiator screen
- D** Battery
- E** Air conditioner condenser
- F** Coolant reservoir
- G** Windshield washer fluid reservoir
- H** Hydraulic oil fill
- I** Hydraulic oil sight gauge
- J** Hydraulic oil filters
- K** Air filter sight gauge



**5610 Raised Cooling**

The Toolcat 5610 features a raised cooling package that takes in cool, clean air from up above the machine – and is located further away from dust and dirt below the machine. Perfect for high-debris applications like mowing, raised cooling protects your machine and allows you to run longer between cleanings.



**Keyless Start**

Stop searching for missing keys and reduce the risk of theft or unauthorized use with optional keyless start.

**Battery Run-down Protection**

Lights automatically shut off to prevent accidental battery discharge.

**Machine Shutdown Protection Feature**

To protect your investment, the majority of Bobcat equipment comes standard with automatic shutdown that monitors the machine's engine parameters and hydraulic functions. It will alert the operator and actually shut the machine down – lessening the chance of damage to the engine or hydraulic components.



# More Uptime. Less Upkeep.

Thousands of people use Bobcat® equipment to make their living and build their reputations. These customers expect performance – day after day in the toughest working conditions – with minimal interruptions. Compact equipment has to be tougher, stronger and easier to maintain than other vehicles. Why? Because when you're not working, you're not making money.

The Toolcat™ utility work machines are engineered to meet the same standards as the rest of the Bobcat equipment lineup. Many of its components—such as the engine and cooling system—are the same as those found in our legendary loaders and excavators. These components are rigorously tested in

a wide range of applications, including construction, agriculture, military and more.

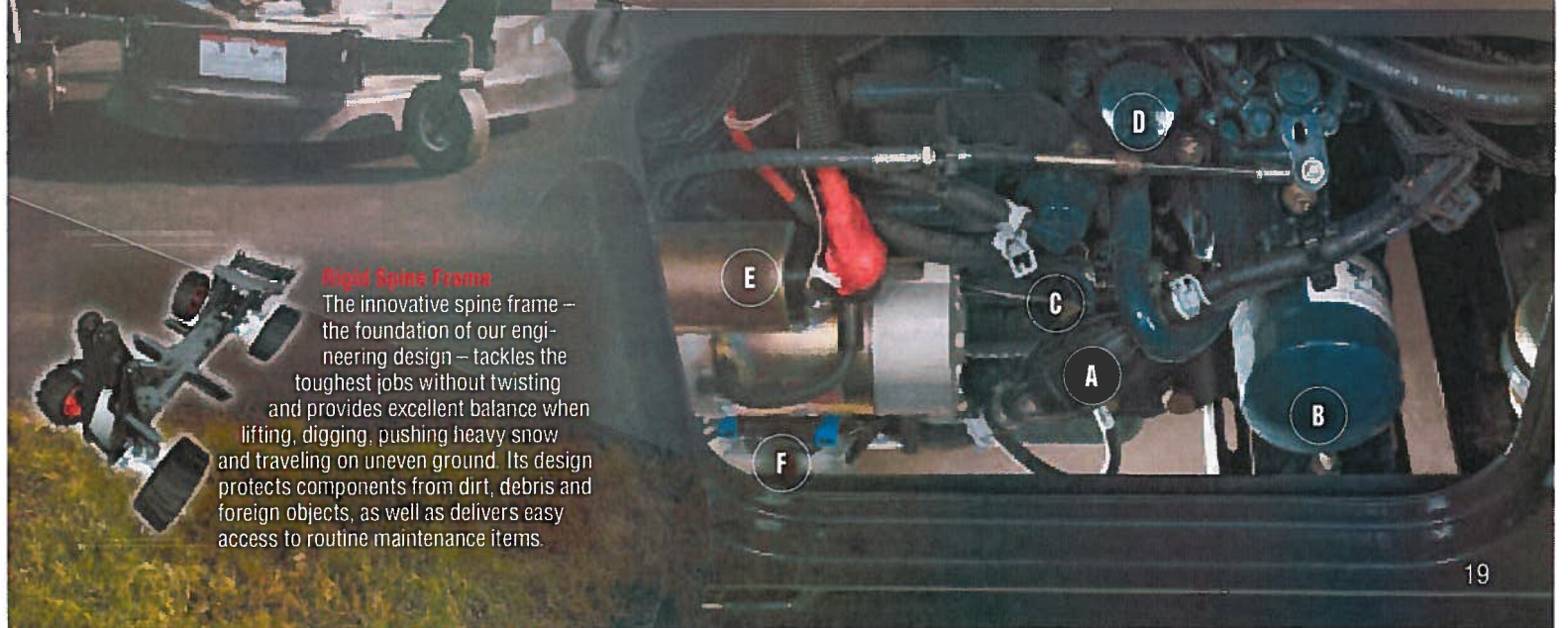
Bobcat designs the durable Toolcat machines – both the 5600 and 5610 – with maintenance points that are easy to find and reach, because when upkeep is quick and easy, maintenance is more likely to get done. That means you'll get peak performance day in and day out for years to come.

Want to learn more about these features?  
Visit [www.bobcat.com/toolcatmaintenance](http://www.bobcat.com/toolcatmaintenance)



## Behind the side access panel:

- |                              |                          |
|------------------------------|--------------------------|
| <b>A</b> Fuel primer         | <b>D</b> Engine oil fill |
| <b>B</b> Engine oil filter   | <b>E</b> Starter         |
| <b>C</b> Engine oil dipstick | <b>F</b> Fuel filter     |



### Right Spine Frame

The innovative spine frame – the foundation of our engineering design – tackles the toughest jobs without twisting and provides excellent balance when lifting, digging, pushing heavy snow and traveling on uneven ground. Its design protects components from dirt, debris and foreign objects, as well as delivers easy access to routine maintenance items.

# Specifications

## Toolcat™ Utility Work Machine



Model	5600	5610
<b>PERFORMANCE</b>		
Rated Lift Capacity (lift arm)	1500 lb. (679 kg)	1500 lb. (679 kg)*
Cargo Box Capacity	2000 lb. (905.3 kg)	—
Towing Capacity	4000 lb. (1810.7 kg)	4000 lb. (1810.7 kg)
3-Point Hitch Capacity (24 in. Behind Lift Points)	—	1775 lb. (805 kg)
PTO Horsepower	—	25 hp (18.6 kW)
Storage Bin Capacity (Each)	—	50 lb. (22 kg)
Machine Rated Capacity (combined weight of load on lift arm, cargo box load, operator and passenger)	2200 lb. (996 kg)	2200 lb. (996 kg)
Total Rated Capacity (combined weight of load on lift arm, cargo box load, operator and passenger, and tow weight if equipped with a hitch)	4200 lb. (1901 kg)	4200 lb. (1901 kg)
<b>Travel Speeds</b>		
Low range	0-8.5 mph (0-14.2 km/hr.)	0-8.5 mph (0-14.2 km/hr.)
High range	0-17 mph (0-28.3 km/hr.)	0-17 mph (0-28.3 km/hr.)
Reverse	0-8.5 mph (0-14.2 km/hr.)	0-8.5 mph (0-14.2 km/hr.)
<b>Travel Speeds with optional 29 x 10.5-15 tires</b>		
Low range	0-9 mph (0-15 km/hr.)	0-9 mph (0-15 km/hr.)
High range	0-18 mph (0-30 km/hr.)	0-18 mph (0-30 km/hr.)
Reverse	0-9 mph (0-15 km/hr.)	0-9 mph (0-15 km/hr.)
<b>DIMENSIONAL SPECIFICATIONS</b>		
Cab Height	81 in. (2057 mm)	81 in. (2057 mm)
Cab Height with optional 29 x 10.5-15 tires	82 in. (2083 mm)	82 in. (2083 mm)
Overall Length	181.6 in. (4616 mm)	180.8 in. (4592 mm)
Overall Width	60 in. (1525 mm)	60 in. (1525 mm)
Ground Clearance	9.25 in. (235 mm)	9.25 in. (235 mm)
Ground Clearance with optional 29 x 10.5-15 tires	10.25 in. (260 mm)	10.25 in. (260 mm)
Operating Weight	5685 lb. (2579 kg)	5835 lb. (2647 kg)
Outside Turning Diameter (AWS)	17.5 ft. (5337 mm)	17.5 ft. (5337 mm)
Lift Height	83.3 in. (2117 mm)	83.3 in. (2117 mm)
Lift Height with optional 29 x 10.5-15 tires	84.3 in. (2143 mm)	84.3 in. (2143 mm)
<b>ENGINE</b>		
Horsepower	61 hp	61 hp
Engine Type	Diesel	Diesel
Fuel Tank Capacity	20 gal (76.1 L)	20 gal (76.1 L)
Machine Shutdown Protection Feature	Std	Std
Battery Run-down Protection	Std	Std
Bobcat SmartFan	Std	Std
Horsepower Management	Std	Std
<b>MACHINE FEATURES</b>		
<b>COMFORT FEATURES</b>		
Cab with Heat and Air Conditioning	Opt	Opt
Cruise Control	Std	Std
Radio/CD Player	Opt	Opt
Driver's Side Suspension Seat	Opt	Opt
Floorboard Riser Kit	Opt	Opt
Intermittent Windshield Wipers	Std	Std
Step Kit	Opt	Opt
Front Work Lights	Std	Std
Rear Work Lights	Opt	Opt
Road Light Kit	Opt	Opt
<b>PERFORMANCE FEATURES</b>		
Four-Wheel Drive	Std	Std
Four-Wheel Independent Suspension	Std	Std
Limited Slip Differentials	Std	Std
Two-Speed Transmission	Std	Std
Hydraulic Dump Cargo Box	Std	Std
Rear Window Guard	Opt	—
2 in. Rear Receiver Hitch	Std	Std
PTO	—	Opt
3 pt. Hitch	—	Opt
Rear Remote Hydraulics	Opt	Opt
<b>MACHINE SAFETY FEATURES</b>		
ROPS/FOPS Approved Cab Structure	Std	Std
Toolcat Interlock Control System (TICS™)	Std	Std
Back-up Alarm and Horn	Opt	Opt
Keyless Start System	Opt	Opt
<b>FEATURES FOR ATTACHMENTS</b>		
Auxiliary Hydraulics	Std	Std
Hydraulic Standard Flow	18.9 gpm (71.4 L/min.)	18.9 gpm (71.4 L/min.)
Hydraulic High Flow (Optional)	27.9 gpm (107.4 L/min.)	27.9 gpm (107.4 L/min.)
Hydraulic Pressure	3000 psi (207 Bar)	3000 psi (207 Bar)
Power Bob-Tach™ Mounting System	Opt	Std
Pressure Release Hydraulic Quick Couplers	Std	Std
Fingertip Auxiliary Control	Std	Std
Attachment Control Kit	Opt	Opt
Lift Arm Float Functionality	Std	Std
Dual Direction Detent	Std	Std
Work Mode	Std	Std

\* 1,500-pound ROC if machine is equipped with 3-point PTO.



The Toolcat™ 5600 offers over 6 ½ feet of lift height for loading or placing materials.



The Toolcat™ 5610 3-point hitch can utilize Bobcat implements – plus all of your Category 1, 3-point hitch implements from other manufacturers.



Compact and agile, the Toolcat™ utility work machines achieve a tighter turning radius than most ATVs. All-wheel steer allows you to maneuver in tight spaces without having to back up and reposition. Turn around trees, through tight corners, and get in and out of small barns and buildings.



Train operators and technicians in the safe operation and servicing of Bobcat equipment. Operator training courses, safety videos and other training materials are available at your Bobcat dealer's parts department or online at [www.bobcat.com/training](http://www.bobcat.com/training) or [www.training.bobcat.com](http://www.training.bobcat.com)



If a utility vehicle is better suited for your job, check out the revolutionary lineup from Bobcat. [www.bobcat.com/4x4](http://www.bobcat.com/4x4)

# WORK IS SIMPLY JUSTIFICATION.



# The leader in versatility and maneuverability.



Attachments



Skid-Steer Loaders



Compact Track Loaders



All-Wheel Steer Loader



Compact Excavators



Mini Track Loaders



VersaHandler® Telescopic Tool Carriers



Toolcat™ Utility Work Machines



Utility Vehicles



Compact Tractors



## Get Bobcat Gear!

Find cool Bobcat® gear and accessories by visiting your local Bobcat dealer or [www.BobcatStore.com](http://www.BobcatStore.com)

# Bobcat History



## Leader by Design:

Listening to the customer and a pioneering spirit are why Bobcat continues to lead the evolution of compact equipment...

- 1960** – Invented the **FIRST** true skid-steer loader.  
**Today** – One out of every two skid-steers is a Bobcat loader.
- 1970** – Invented the **FIRST** attachment mounting system for skid-steer loaders.  
**Today** – Bobcat Company manufactures more attachments than anyone in the world.
- 1977** – Built the **FIRST** skid-steer with no chain adjustments required.  
**Today** – Still a Bobcat exclusive.
- 1981** – The **FIRST** secondary restraint seat bar is introduced.  
**Today** – Bobcat is the only company that offers operator training kits for compact equipment.
- 1983** – The **FIRST** skid-steer with a transversely mounted engine.  
**Today** – Still a Bobcat exclusive.
- 1990** – Introduced the **FIRST** compact excavator manufactured in the U.S.  
**Today** – Still the only compact excavator manufactured in the U.S.
- 1999** – Introduced the **FIRST** compact track loader with a solid-mounted undercarriage manufactured in the U.S.  
**Today** – One out of every two compact track machines is a Bobcat.
- 2001** – Invented the **FIRST** loader with all-wheel steer and skid-steer capabilities.  
**Today** – Still a Bobcat exclusive.
- 2003** – Revolutionized the way the world works with the invention of the Toolcat™ line, the world's **FIRST** utility work machines – a cross between a pickup, attachment carrier and utility vehicle.  
**Today** – The Toolcat utility work machine – still the only one of its kind.
- 2006** – Introduced the **FIRST** utility vehicle with RapidLink™ Attachment System.
- 2007** – Bobcat launches its new line of compact tractors.
- 2008** – Roller Suspension, the **FIRST** all-steel suspension system, is introduced.
- 2009** – Released M-Series compact excavators and loaders.



## A Constant Innovator:

In the late 1950s, a turkey farmer needed help – so in 1958 we introduced what was to become the world's first skid-steer loader. We created an industry by listening to the needs of the customer. This focus is the same today. In 2000, a superintendent needed help – so we built the world's first Toolcat utility work machine. We continue to be a global leader in innovation by listening to our customers.



# BOBCAT TIMELINE

# A BRAND NEW WAY TO COVER YOUR BACKSIDE



Select a Bob-Tach™-mounted bucket or attachment up front, pair it with an implement in back, and there's no stopping you. Finish one job. Then look behind you and do the next one. The new Toolcat™ 5610 can carry complementary attachments and implements for incredible efficiency, and with the right combination you can even do two tasks without switching implements.



**Bobcat**®

[www.bobcat.com/5610tc](http://www.bobcat.com/5610tc)

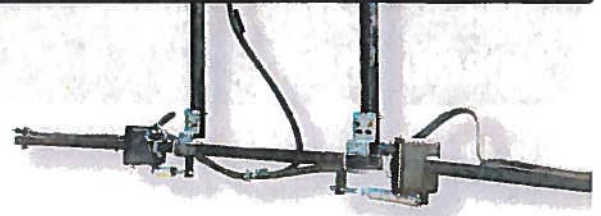
*One Tough Animal*





**Bobcat.**

**Sprayer Attachment**



***One Tough Animal***

# Bobcat® Sprayer Attachment Specifications

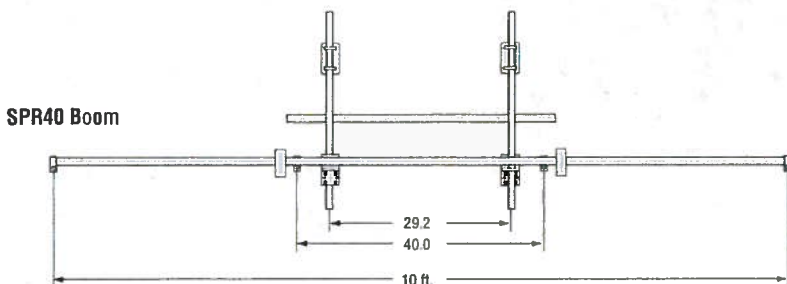
Sprayer	SPR40	SPR80
Weight (empty/full)	200 lb./ 533 lb. (91 kg/242 kg)	245 lb./ 911 lb. (111 kg/413 kg)
Height	36.9 in. (937 mm)	37.2 in. (945mm)
Width	37.5 in. (120 in. w/boom) (952 mm) (3048 mm w/boom)	49.5 in. (252 in. w/boom) 1257 mm (6401 mm w/boom)
Length	58.25 in. (1479 mm) (w/boom)	43 in. (1092 mm) (w/o boom)
Tank Capacity	40 gallons (151 L)	80 gallons (303 L)
Rinse Capacity	N/A	14 gallons (53 L)
Eye/Hand Rinse Tank Capacity	N/A	2.5 gallons (9.5 L)
Pump	12V, 5.3 gpm (20 L/min.)	12V, 5.3 gpm (20 L/min.)
Boom	10 ft. (3.3 m), 3 sections, 4 nozzles, Standard	21 ft. (6.4 m), 3 sections, 13 nozzles, Optional
Boom Spraying Pressure (maximum)	70 psi (4.8 Bar)	70 psi (4.8 Bar)
Hose Length	50 ft. (15 m) (w/hose reel)	50 ft. (15 m) (w/hose reel)
Boom Height Adjustment	25 in. (635 mm)	25 in. (635 mm)
Approved Machines	2100, 2200, 2200S, 2300, 5600	5600

## Plumbing Kit (optional) for SPR80

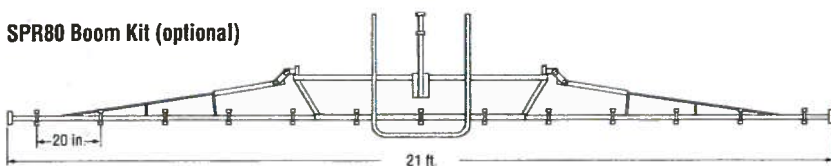
The plumbing kit includes hardware and waterlines to plumb to the front of the Toolcat machine for use with front-end attachments.



SPR40 with hose reel and spray wand



## SPR80 Boom Kit (optional)



## Sprayer Attachment

The Bobcat sprayer attachment is designed for chemical applications ranging from spot spraying for weed control to broadcast spraying of liquid fertilizer and chemicals. Approved for use on the 2100, 2200, 2200S and 2300 utility vehicles and the Toolcat™ 5600 utility work machine, it's ready for small to moderate acreage spraying across a wide range of applications, including lawns, parks, pastures, road right-of-ways, golf courses and cemeteries. In the winter, use it with many of today's liquid ice-melting solutions to remove snow and ice!

### New features include:

- **Tank agitation:** With the combination of molded plastic baffles on the bottom of the tank and the pressure adjust valve for the pump, both the SPR40 and SPR80 can continuously agitate and mix chemicals.
- **Larger pump:** With the SPR40's larger, 5.3 gpm pump (1.4 gpm previously) you can now cover more ground in less time with more precise coverage.
- **Chemical jug holder:** The SPR80 sprayer comes standard with a chemical jug holder incorporated into the tank design.

### Additional features

- **Hose reel:** Ideal for spot-spraying and pressure washing applications. Both the SPR40 and SPR80 come standard with a hose reel and 50 ft. of hose with spray wand.
- **Boom kit:** The boom kit comes standard with the SPR40, and is available as optional equipment on the SPR80. It's spring-loaded and perfect for large-coverage spraying.

NOTE - Where applicable, dimensions are in accordance with Society of Automotive Engineers (SAE) and ISO standards. Specifications and design are subject to change without notice. Pictures of Bobcat units may show other than standard equipment. All dimensions are given for loader equipped with standard tires. All dimensions are shown in inches. Respective metric dimensions are enclosed by parentheses. Bobcat Company complies with the requirements of ISO 9001 as registered with BSI.

*The Bobcat Attachments Advantage: Bobcat attachments are engineered and manufactured to fit Bobcat loaders for optimum job performance, dependability and durability.*

Sprayer Attachment fits these carrier models:

Utility Work Machine:  
5600  
5600 Turbo

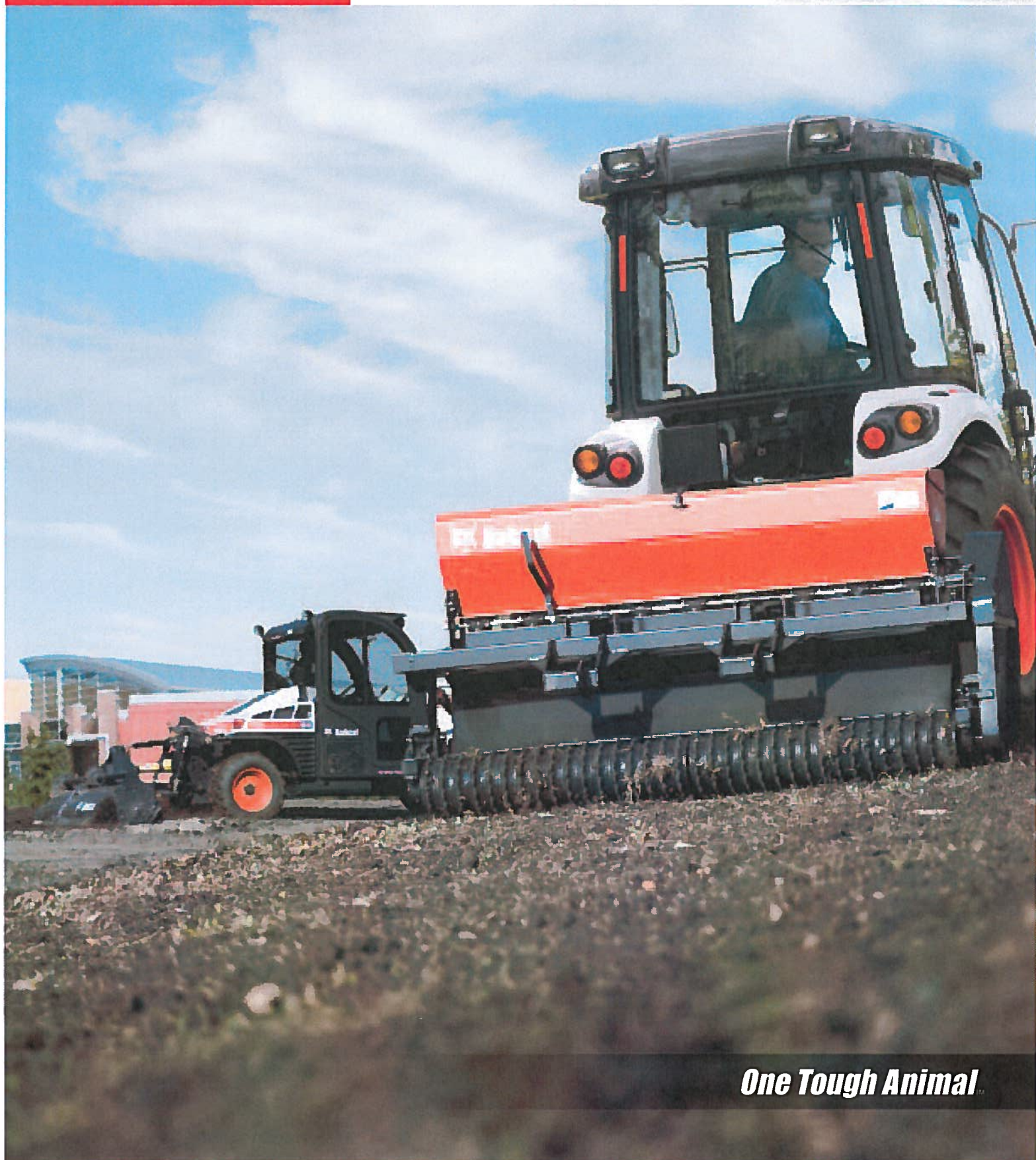
Utility Vehicles  
2100  
2200  
2200S  
2300





**Bobcat®**

**Implements for Bobcat Compact Tractors and Toolcat™ 5610**



***One Tough Animal***

# The right implements for any job

Bobcat® implements are the choice of professionals and homeowners for landscaping, building and grounds maintenance, and general maintenance on farms and ranches. From preparing landscaping sites with the Bobcat box blade or angle blade, maintaining school grounds and parks with the finish mower, or taking care of general maintenance with the tine rake or auger, hard-working Bobcat implements can handle the job you need to do.



## Angle Blade

The Bobcat angle blade is built with productivity in mind – making this one of the most versatile blades around! A reversible cutting edge, blade oscillation and blade offset make this an ideal blade for ditch digging, maintaining roads, removing snow, or site landscaping applications.

Model	3AB60	3AB84	3ABB4HD	3AB96HD
Working Width	60 in. (1524 mm)	84 in. (2134 mm)	84 in. (2134 mm)	96 in. (2438 mm)
Moldboard (Blade) Height	14 in. (356 mm)	14 in. (356 mm)	16 in. (406 mm)	16 in. (406 mm)
Moldboard Thickness	1/4 in. (6.35 mm)	1/4 in. (6.35 mm)	5/16 in. (7.94 mm)	5/16 in. (7.94 mm)
Cutting Edge Height	3 in. (76.2 mm)	6 in. (152 mm)	6 in. (152 mm)	6 in. (152 mm)
Cutting Edge Thickness	3/8 in. (9.5 mm)	1/2 in. (12.7 mm)	1/2 in. (12.7 mm)	1/2 in. (12.7 mm)
Weight (Approx.)	156 lb. (71 kg)	310 lb. (141 kg)	395 lb. (179 kg)	430 lb. (195 kg)
Storage Stand	Yes	Yes	Yes	Yes
Offset (Max. Left or Right)	Not Available	12 in. (305 mm)	12 in. (305 mm)	23 in. (584 mm)
Blade Angle Positions	(7) forward, (3) rearward	(7) forward, (3) rearward	(7) forward, (3) rearward	(7) forward, (3) rearward
Angle Increments	15° increments	15° increments	15° increments	15° increments
Blade Oscillation Positions	Not Available	(5)	(5)	(2)
Oscillation Increments		15° increments	15° increments	15° increments
3-Point Hitch	Category 1	Category 1	Category 1	Category 1
Use this Implement with:	CT120, CT122 & Toolcat 5610	CT225, CT230, CT235 & Toolcat 5610	CT225, CT230, CT235, CT335, CT440, CT445, CT450 & Toolcat 5610	CT335, CT440, CT445, CT450 & Toolcat 5610



## Front-End Loader

Easily handle materials with the Bobcat front-end loader. With its high capacity, you can carry more and get the job done in fewer trips. Hook it up or remove it in minutes.

Model	6TL	7TL	8TL	9TL
Max. Lift Height to Bucket Pivot Pin	73.3 in. (1862 mm)	84 in. (2141 mm)	96.15 in. (2442 mm)	112.30 in. (2852 mm)
Clearance with Level Bucket at Max. Lift Height	68.5 in. (1740 mm)	80 in. (2032 mm)	90.4 in. (2296 mm)	105.5 in. (2680 mm)
Clearance with Bucket Dumped at Max. Lift Height	56 in. (1422 mm)	68 in. (1727 mm)	75.6 in. (1920 mm)	91.60 in. (2327 mm)
Reach at Max. Lift Height	26 in. (660 mm)	27.5 in. (699 mm)	21.44 in. (545 mm)	18.3 in. (465 mm)
Bucket Dump Angle at Max. Lift Height	46°	46°	50°	46°
Loader Lift Capacity to Max. Height (Measured @ 500 mm From Bucket Pivot Pins)	830 lb. (376 kg)	1225 lb. (556 kg)	1300 lb. (649 kg)	2050 lb. (930 kg)
Loader Lift Capacity to Max. Height at Bucket Pivot Pins	1140 lb. (517 kg)	1605 lb. (728 kg)	1650 lb. (748 kg)	2600 lb. (1179 kg)
Bob-Tach Available:	Yes	Yes	Yes	Yes
Use this Implement with:	CT120, CT122	CT225, CT230, CT235	CT335	CT440, CT445, CT450

\*All specifications are measured with the standard pin-on bucket designated for the loader model unless stated otherwise.  
\*\*Proper rear ballast must be used in conjunction with loaders.



## Auger

Ideal for general digging applications. Unique design and heavy-duty construction allow you to drill holes fast with plumb-line accuracy. Equipped with Category 1 hitch pins and a 2 7/8 in. diameter reinforced boom and yoke. Maximum operating speed: 300 rpm.

Model	3PTA					
Drive Type	Gearbox	-	-	-	-	-
Tractor PTO Speed	540 rpm	-	-	-	-	-
Auger Shaft Diameter (51 mm)	2 in.	-	-	-	-	-
Auger Bit Diameter	6 in. (152 mm)	9 in. (229 mm)	12 in. (305 mm)	15 in. (381 mm)	18 in. (457 mm)	24 in. (610 mm)
Cutting Diameter *	7.5 in. (191 mm)	10.5 in. (267 mm)	13.5 in. (343 mm)	15.5 in. (394 mm)	19.5 in. (495 mm)	25.5 in. (648 mm)
Cutting Diameter **	7 in. (178 mm)	10 in. (254 mm)	13 in. (330 mm)	15 in. (381 mm)	19 in. (483 mm)	25 in. (635 mm)
3-Point Hitch	Category 1	-	-	-	-	-
Use this Implement with:	All Tractor Models	-	-	-	-	-
	Toolcat 5610	-	-	-	-	-

\* Standard cutting diameter auger teeth are positioned at a 40° angle for general purpose cutting

\*\* Optional cutting diameter teeth can be re-positioned on the auger to provide a smaller cutting diameter. Teeth will also be positioned at a 50° angle in this position for more aggressive cutting.



## Finish Mower

Ideal for keeping lawns, estates, school grounds and parks looking their best. Both models come standard with rear discharge and solid rubber wheels. Blades travel at speeds up to 17,991 fpm for a clean, smooth cut without skips in a variety of applications.

\* Not approved for use on the Bob-Tach™ Three-Point Hitch Adapter or Three-Point Hitch U-frame couplers.

Model	3FM60	3FM72
Cutting Width	58 in. (1473 mm)	71 in. (1803 mm)
Overall Width	60 in. (1524 mm)	72.5 in. (1842 mm)
Overall Length	58 in. (1473 mm)	58 in. (1473 mm)
Cutting Height	3/4 in. - 5-1/4 in. (19 mm - 133 mm)	3/4 in. - 5-1/4 in. (19 mm - 133 mm)
Number of Blades	3	3
Blade Tip Speed	17,745 fpm	17,991 fpm
Discharge	Rear	Rear
Tractor PTO Speed	540 rpm	540 rpm
Weight	544 lb. (247 kg)	599 lb. (272 kg)
3-Point Hitch	Category 1, Floating	Category 1, Floating
Use this Implement with:	CT120, CT122, CT225, CT230, CT235 & Toolcat 5610	All Tractor Models & Toolcat 5610



## Backhoe

Turn your Bobcat compact tractor into a powerful part-time excavator with this handy attachment. With a 6.5 ft. dig depth and 8 ft. 11 in. reach, it's great for general purpose digging and trenching. Sub frame included.

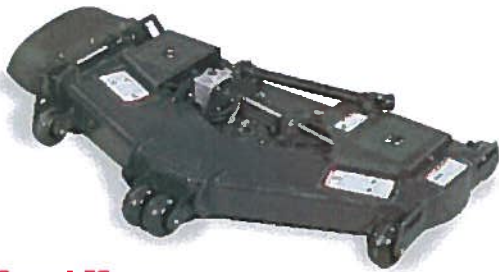
Model	6T8	7T8	8T8
Dig Depth	78 in. (1981 mm)	90 in. (2286 mm)	102 in. (2591 mm)
Reach	107 in. (2718 mm)	117.58 in. (2987 mm)	135.13 in. (3432 mm)
Loading Height	59 in. (1499 mm)	69.88 in. (1775 mm)	80 in. (2032 mm)
Swing Arc	179°	180°	180°
Overall Width (Transport)	50.44 in. (1281 mm)	53.75 in. (1365 mm)	53.75 in. (1365 mm)
Stabilizer Spread (Operating)	78 in. (1981 mm)	90 in. (2286 mm)	90 in. (2286 mm)
Weight (With 12 in. bucket)	1032 lb. (468 kg)	1047 lb. (475 kg)	1118 lb. (507 kg)
Bucket Breakout	2875 lb. (1305 kg)	2827 lb. (1282 kg)	4156 lb. (1885 kg)
Dipper Breakout	1744 lb. (792 kg)	2022 lb. (917 kg)	2183 lb. (990 kg)
Use this Implement with:	CT120, CT122, CT225, CT230, CT235	CT225, CT230, CT235, CT335, CT440, CT445, CT450	CT335, CT440, CT445, CT450



## Box Blade

For rough grading and landscape applications. 4x4 in. mainframe and double-lug lower hitch points ensure top performance and reliability. Shearing action provided by two reversible high-carbon steel cutting edges. Operates in forward or reverse. Scarifier allows a maximum working depth of 3 in.

Model	38848	38860	38872
Working Width	48 in. (1219 mm)	60 in. (1524 mm)	72 in. (1829 mm)
Moldboard (Blade) Height	14 in. (356 mm)	17 in. (432 mm)	17 in. (432 mm)
Cutting Edge Height	3 in. (76 mm)	6 in. (152 mm)	6 in. (152 mm)
Cutting Edge Thickness	3/8 in. (9.53 mm)	1/2 in. (12.7 mm)	1/2 in. (12.7 mm)
Number of Cutting Edges	2	2 - reversible	2 - reversible
Scarifier Shank Penetration (Max)	3 in. (76 mm) - Manual	3 in. (76 mm) - Manual	3 in. (76 mm) - Manual
Weight (Approx.)	262 lb. (119 kg)	446 lb. (202 kg)	505 lb. (229 kg)
3-Point Hitch	Category 1	Category 1	Category 1
Use this Implement with:	CT120, CT122 & Toolcat 5610	CT120, CT122, CT225, CT230, CT235 & Toolcat 5610	CT225, CT230, CT235, CT335, CT440, CT445, CT450 & Toolcat 5610



## Mid-Mount Mower

Cut grass in areas where maneuverability is tight. Both models come standard with side discharge and solid rubber wheels. Blades travel at speeds up to 18,868 fpm for a clean, smooth cut without skips in a variety of applications.

\* Not approved for use on the Bob-Tech™ Three-Point Hitch Adapter or Three-Point Hitch U-frames couplers.

Model	MM54	MM66
Cutting Width	54 in. (1372 mm)	66 in. (1676 mm)
Overall Width	65 in. (1651 mm)	77 in. (1957 mm)
Overall Length	41 in. (1041 mm)	44 in. (1126 mm)
Cutting Height	2 in. - 4 in. (51 mm - 102 mm)	2 in. - 4.5 in. (51 mm - 114 mm)
Number of Blades	3	3
Blade Tip Speed	18868 fpm	18770 fpm
Discharge	Side	Side
Tractor PTO Speed	2000 rpm	2000 rpm
Weight	244 lb. (111 kg)	285 lb. (129 kg)
Use this Implement with:	CT120, CT122	CT225, CT230, CT235



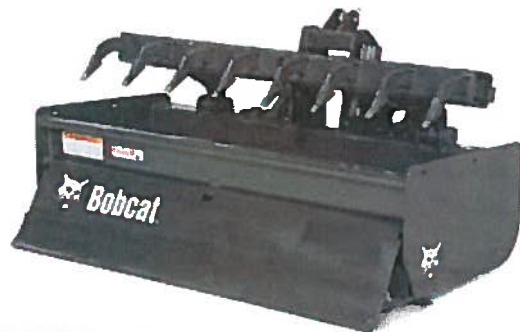
## Rear Ballast Box

Maximum lifting capabilities of tractor loaders cannot be achieved safely or efficiently without properly ballasting the rear of the tractor. A rear 3-point ballast box is an easy, sure way to achieve this. The rear ballast box is easily removed when other implements are to be used. Its compact size enables convenient storage when not in use.

Model	Rear Ballast
Overall Height	28 in. (716 mm)
Overall Width	36 in. (906 mm)
Empty Weight	230 lb. (104 kg)
Max Weight**	1110 lb. (504 kg)
3-Point Hitch	Category 1
Use this implement with:	All Tractor Models

\* Max Weight includes 21 in. of dry sand, and suitcase weight kit with four weights

\*\* Please consult your local Bobcat dealer for proper rear ballast requirements on specific compact tractor models.



## Box Blade (heavy-duty)

These commercial-grade models provide the maximum in strength, durability and convenience. Both models come equipped with a hydraulic shank tube to allow easy positioning of the scarifier teeth during operation. Heavy-duty components have been incorporated throughout the design for use on Category 1 or Category 2, 3-point tractor hitches. Each cutting edge (front and rear) is heat-treated to resist wear. Edges are reversible, allowing each edge to be used twice.

Model	3HD8B72	3HD8B84
Working Width	72 in. (1829 mm)	84 in. (2134 mm)
Moldboard (Blade) Height	22 in. (559 mm)	22 in. (559 mm)
Cutting Edge Height	6 in. (152 mm)	6 in. (152 mm)
Cutting Edge Thickness	1/2 in. (12.7 mm)	1/2 in. (12.7 mm)
Number of Cutting Edges	2 - reversible	2 - reversible
Scarifier Shank Penetration (Max.)	3 in. (76 mm) - Hydraulic	3 in. (76 mm) - Hydraulic
Weight (Approx.)	958 lb. (435 kg)	1068 lb. (484 kg)
3-Point Hitch	Category 1 & 2	Category 1 & 2
Use this Implement with:	CT225, CT230, CT235, CT335 CT440, CT445, CT450 & Toolcat 5610	CT335, CT440, CT445, CT450 Toolcat 5610



## Rotary Cutter

Handle your tough grass and brush-clearing applications or mulch small branches and saplings. The rotary cutter is ideal for clearing undeveloped property, trails and ditches.

Model	3RC60	3RC70
Cutting Width	59 in. (1499 mm)	70 in. (1778 mm)
Overall Width	64.5 in. (1638 mm)	76.5 in. (1943 mm)
Overall Length	103 in. (2616 mm)	115 in. (2921 mm)
Cutting Height	1 in. - 5 in. (25 mm - 127 mm)	1 in. - 5 in. (25 mm - 127 mm)
Number of Blades	2	2
Blade Tip Speed	12472 fpm	14551 fpm
Discharge	Rear	Rear
Weight	632 lb. (287 kg)	754 lb. (343 kg)
Front/Rear Chain Guards	Yes	Yes
Tractor PTO Speed	540 rpm	540 rpm
3-Point Hitch	Category 1	Category 1
Use this Implement with:	CT120, CT122, CT225, CT230, CT235 & Toolcat 5610	CT225, CT230, CT235 Toolcat 5610

## Disk Harrow

Till your seedbed quickly and efficiently. Break up sod and smooth out planting surfaces for easy seeding and maximized growth.

Model	3DH72	3DH84
Cutting/Working Width	Min. 71 in. (1803 mm) Max. 72 in. (1829 mm)	Min. 70 in. (1778 mm) Max. 84 in. (2134 mm)
Overall Width	Min. 74 in. (1880 mm) Max. 75 in. (1905 mm)	Min. 76.5 in. (1943 mm) Max. 89 in. (2261 mm)
Overall Length	58.5 in. (1486 mm)	62 in. (1575 mm)
Operating Weight	553 lb. (251 kg)	846 lb. (385 kg)
Number Of Discs Total	20	20
Style of Disc/Quantity	Front: Notched/10 Rear: Smooth/10	Front: Notched/10 Rear: Smooth/10
Disc Spacing	7.38 in. (187.3 mm)	7.38 in. (187.3 mm)
3pt. Hitch	Category 1	Category 1
Use this Implement with:	CT225, CT230, CT235, CT335 Toolcat 5610	CT335, CT440, CT445, CT450



## Seeder

The Bobcat seeder uses adjustable seed metering for consistent seed coverage and use with a broad range of seed types and sizes. Cast iron rollers break up dirt lumps, press down small stones, and guide the seeds to ensure they are evenly placed at precisely the right depth for better germination.

Model	72SDR
Empty Weight	1150 lb. (523 kg)
Hopper Capacity	4 Bushels
Overall Width	88 in. (2235 mm)
Working Width	72 in. (1829 mm)
Height	44 in. (1118 mm)
3-Point Hitch	Category 1
Use this implement with:	CT335, CT440, CT445, CT450 Toolcat 5610

\*Consult your local Bobcat dealer for proper set up of the seeder for 3-point hitch operation.



## Silt Fence Installer

Meet erosion control regulations and avoid costly governmental fines. This silt fence installer is the fastest, easiest and most economical way to install silt fence for residential, commercial, industrial, or highway projects.

Model	Rigid Frame (No Side Shift)	72 in. Side Shift	84 in. Side Shift
Operating Weight	985 lb. (447 kg)	1120 lb. (508 kg)	1165 lb. (528.5 kg)
Height	70 in. (1778 mm)	70 in. (1778 mm)	70 in. (1778 mm)
Width	45.5 in. (1156 mm)	72 in. (1829 mm)	84 in. (2134 mm)
Length	86.7 in. (2202 mm)	98 in. (2489 mm)	98 in. (2489 mm)
3-Point Hitch	Category 1	Category 1	Category 1
Use this Implement with:	CT440, CT445, CT450	CT440, CT445, CT450	CT440, CT445, CT450



## Soil Conditioner

Produces a perfect bed for seeding or sodding. Separate rocks and debris, grade, level, fill – even tear out old sod with this versatile landscaping tool.

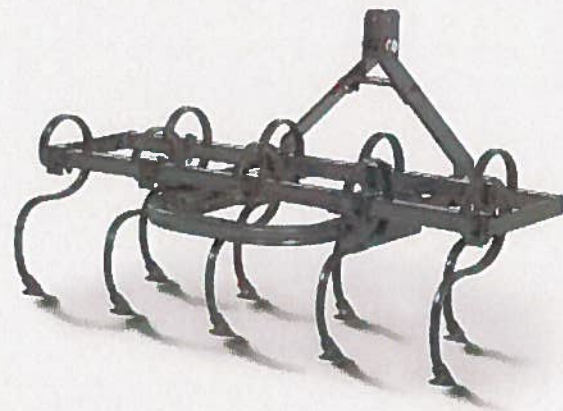
Model	60 in. Manual Angle	60 in. Hydraulic Angle	72 in. Manual Angle	72 in. Hydraulic Angle
Model Number	3SC60M	3SC60H	3SC72M	3SC72H
Overall Length	50.89 in. (1292.6 mm)	50.89 in. (1292.6 mm)	50.89 in. (1292.6 mm)	50.89 in. (1292.6 mm)
Overall Width	70.89 in. (1800.6 mm)	70.89 in. (1800.6 mm)	82.85 in. (2104.4 mm)	82.85 in. (2104.4 mm)
Working Width	61 in. (1549.4 mm)	61 in. (1549.4 mm)	73 in. (1854 mm)	73 in. (1854 mm)
Working Width - Fully Angled	58.5 in. (1486 mm)	58.5 in. (1486 mm)	70 in. (1778 mm)	70 in. (1778 mm)
Maximum Drum Angle	15° Left or Right	15° Left or Right	15° Left or Right	15° Left or Right
Operating Weight	871 lb. (395 kg)	871 lb. (395 kg)	954 lb. (433 kg)	954 lb. (433 kg)
Working Depth Range	1.25 in. - 4.75 in. (31.8 mm - 120.7 mm)	1.25 in. - 4.75 in. (31.8 mm - 120.7 mm)	1.25 in. - 4.75 in. (31.8 mm - 120.7 mm)	1.25 in. - 4.75 in. (31.8 mm - 120.7 mm)
PTO HP Range	14.5 - 40 HP	14.5 - 40 HP	19.5 - 40 HP	19.5 - 40 HP
Bolster Tire Size	18 x 8.5 - 8 Ply	18 x 8.5 - 8 Ply	18 x 8.5 - 8 Ply	18 x 8.5 - 8 Ply
3pt. Hitch	Category 1	Category 1	Category 1	Category 1
Tractor PTO Speed	540 RPM	540 RPM	540 RPM	540 RPM
Driveline Protection	Slip Clutch	Slip Clutch	Slip Clutch	Slip Clutch
Drive Type	Chain	Chain	Chain	Chain
Storage Stand	Yes	Yes	Yes	Yes
Use this Implement with:	CT225, CT230, CT235, CT335, CT440, CT445, CT450 & Toolcat 5610	CT225, CT230, CT235, CT335, CT440, CT445, CT450 & Toolcat 5610	CT225, CT230, CT235, CT335, CT440, CT445, CT450 & Toolcat 5610	CT225, CT230, CT235, CT335, CT440, CT445, CT450 & Toolcat 5610



## Snowblower

Bobcat 3-point hitch snowblowers are perfect for clearing driveways, sidewalks or even parking lots. These snowblowers function from the rear PTO and 3-point hitch of the tractor or utility work machine. They are powerful, productive and easy to operate. Chute rotation is achieved by a manual chute rotator that is accessible from the tractor operating station or by an optional hydraulic chute rotator that works great for the Toolcat™ 5610 with rear remote hydraulics or a compact tractor with a cab.

Model	3S854	3S866	3S872
Cutting Width	54 in. (1372 mm)	66 in. (1676 mm)	72 in. (1829 mm)
Overall Width	56 in. (1422 mm)	68 in. (1727 mm)	74 in. (1880 mm)
Snow Intake Height	25 in. (635 mm)	25 in. (635 mm)	25 in. (635 mm)
Auger Diameter	14 in. (356 mm)	14 in. (356 mm)	14 in. (356 mm)
Fan Diameter	20 in. (508 mm)	20 in. (508 mm)	20 in. (508 mm)
Chute Rotation	230° - Manual or Hydraulic	230° - Manual or Hydraulic	230° - Manual or Hydraulic
Cutting Edge	Replaceable	Replaceable	Replaceable
Skid Shoes	Adjustable/Replaceable	Adjustable/Replaceable	Adjustable/Replaceable
Weight	649 lb. (294 kg)	704 lb. (319 kg)	732 lb. (330 kg)
Tractor PTO Speed	540 rpm	540 rpm	540 rpm
3-Point Hitch	Category 1	Category 1	Category 1
Use this Implement with:	CT120, CT122, CT225, CT230, CT235 & Toolcat 5610	All Tractor Models Toolcat 5610	All Tractor Models Toolcat 5610



## Soil Cultivator

Clearing weeds along shelter belts and orchards are just two ways to save time and labor with this implement. It's also ideal for preparing shallow seedbeds such as food plots for wildlife, large garden plots and landscaping.

Model	3SC62	3SC78
Operating Weight	217 lb. (98.5 kg)	249 lb. (113 kg)
Cutting Width	62 in. (1575 mm)	78 in. (1981 mm)
Number of Digging Shovets	9	11
3-Point Hitch	Category 1	Category 1
Use this Implement with:	All Tractor Models Toolcat 5610	All Tractor Models Toolcat 5610



## Sprayer

The Bobcat 3-point sprayer is designed for chemical applications ranging from spot spraying for weed control to broadcast spraying of liquid fertilizer and chemicals. It's ready for small- to moderate-acreage spraying across a wide range of applications, including lawns, parks, pastures, road rights-of-way, golf courses and cemeteries. In the winter, use it with many of today's liquid ice-melting solutions to remove snow and ice.

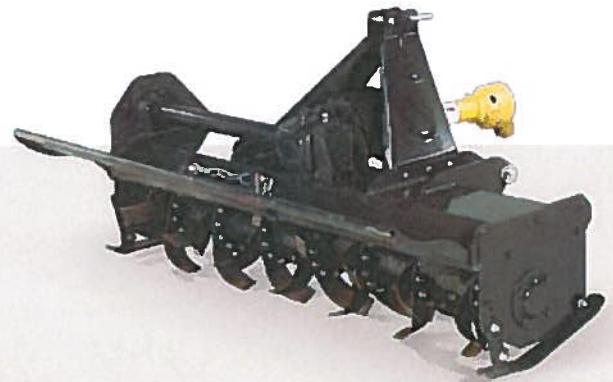
Model	3SPR60
Capacity	60 gal. (227 L)
Weight : Empty	173 lb. (78.5 kg)
Weight : Full	674 lb. (306 kg)
Boom Type	Folding
Overall Width (Boom Closed)	46.5 in. (1181 mm)
Overall Width (Boom Extended)	120 in. (3047 mm)
Number of Spray Tips	4
Spray Gun	Included
Spray Gun Hose Length	15 ft. (4.6 m)
Sprayer Pump	Included
Pump Type	6 Roller w/Coupler (540 rpm)
Pressure Gage	Included
Use this Implement with:	All Tractor Models



## Tine Rake

Rakes and collects surface debris as it levels the soil. Exceptionally strong and durable, the rake can be angled or reversed simply by relocating the index pin. Tines are individually replaceable for easy, low-cost maintenance. Designed for use on tractors up to 35 hp.

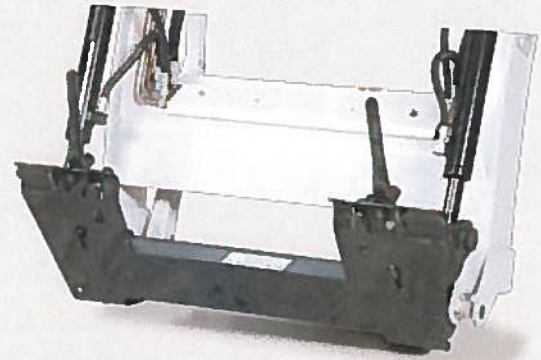
Model	3TR72	3TR84
Width	72 in. (1829 mm)	84 in. (2134 mm)
Weight	256 lb. (116 kg)	282 lb. (128 kg)
Blade Angle Positions	(7) forward, (3) rearward	(7) forward, (3) rearward
Angle Increments	15° Increments	15° Increments
Storage Stand	Yes	Yes
3-Point Hitch	Category 1	Category 1
Use this Implement with:	All Tractor Models & Toolcat 5610	All Tractor Models & Toolcat 5610



## Tiller

Break ground; prepare soil for planting; amend soil with fertilizer, manure or mulch; and remove weeds between tree rows. Bobcat tiller tines rotate in the same direction as the tires when the tractor is moving forward and cover the tire tracks for a consistent finish, eliminating tiller side-shifting, and reducing the need for more than one pass to complete work. Adjustable skid shoes for various working depths up to 7 inches.

Model	3TIL48	3TIL60	3TIL74
Cutting Width	48 in. (1219 mm)	59 in. (1499 mm)	74 in. (1880 mm)
Overall Width	53 in. (1346 mm)	64 in. (1626 mm)	79 in. (2007 mm)
Working Depth (Max.)	7 in. (178 mm) - Adjustable	7 in. (178 mm) - Adjustable	7 in. (178 mm) - Adjustable
Drive Type	Chain	Gear	Gear
Blades Per Flange	6	6	6
Total Blades	30	42	54
Rotor rpm	253 rpm	246 rpm	242 rpm
Weight	344 lb. (156 kg)	450 lb. (204 kg)	653 lb. (296 kg)
Storage Stand	Yes	Yes	Yes
Skid Shoes	Adjustable/Replaceable	Adjustable/Replaceable	Adjustable/Replaceable
3-Point Hitch	Category 0 and 1	Category 1	Category 1 and 2
Use this Implement with:	CT120, CT122, Toolcat 5610	CT120, CT122, CT225, CT230, CT235 & Toolcat 5610	CT230, CT235, CT335, CT440, CT445, CT450 & Toolcat 5610



## Tractor Loader Bob-Tach™ Mounting System

- Available for all Bobcat compact tractor models
- Allows efficient hook-up and removal of tractor loader attachments
- Buckets and pallet forks are available for use with the Bob-Tach system

Please consult your local Bobcat dealer for information on additional attachments that are compatible with tractor loaders.

NOTE - Where applicable, dimensions are in accordance with American Society of Agricultural and Biological Engineers (ASABE), Society of Automotive Engineers (SAE) and ISO standards. Specifications and design are subject to change without notice. Pictures of Bobcat units may show other than standard equipment. All dimensions are shown in inches. Respective metric dimensions are enclosed by parentheses. Bobcat Company complies with the requirements of ISO 9001 as registered with BSI.



Printed on 100% recycled paper

Visit [bobcat.com/anyjob](http://bobcat.com/anyjob) for more information



**Bobcat**

Bobcat Company • P.O. Box 6000 • West Fargo, ND 58078